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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
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FOR THE MONTH AND PERIOD ENDED OCTOBER, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

CRS

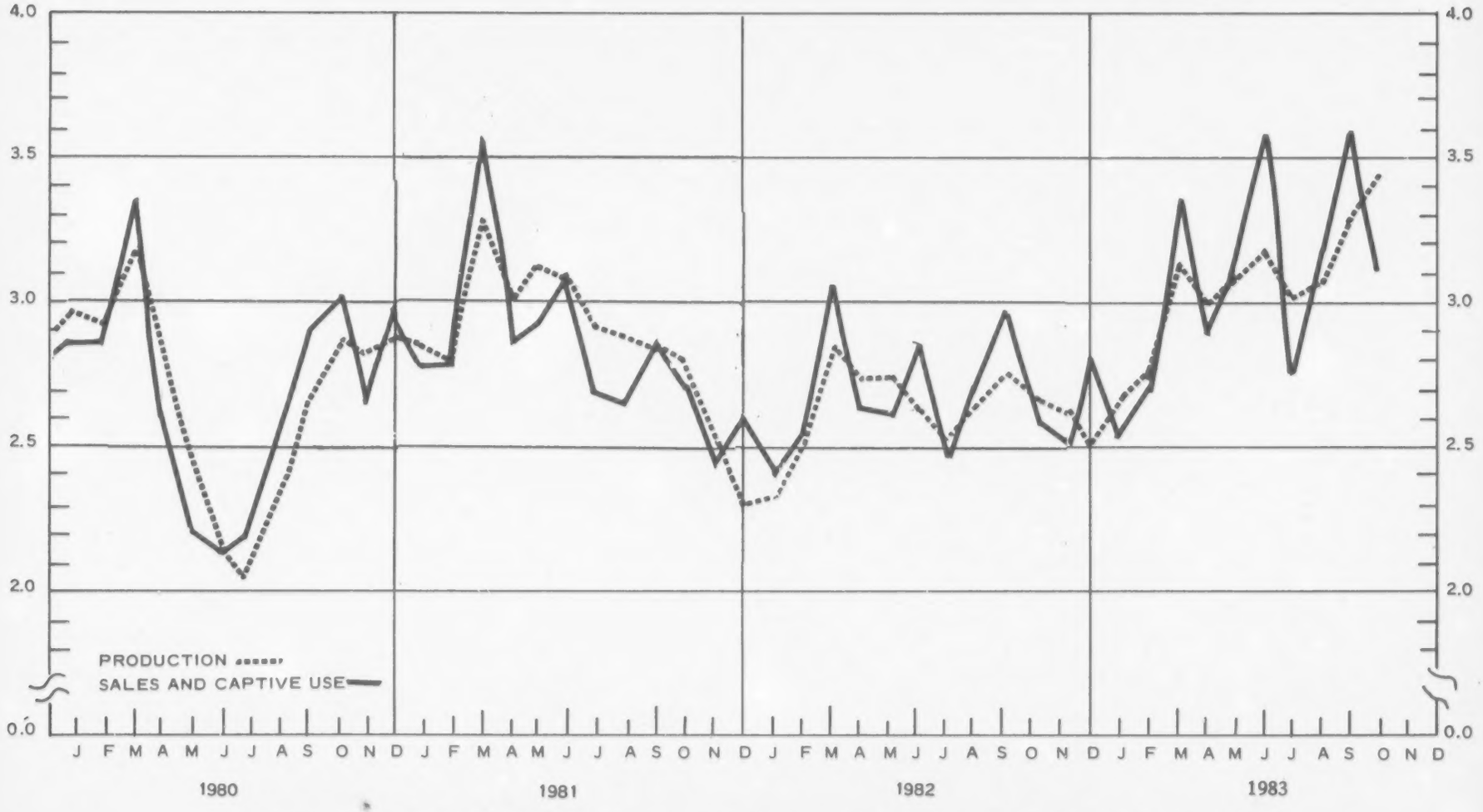
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

OCTOBER, 1983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PRODUCTION
SALES AND CAPTIVE USE
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1980
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

OCTOBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983*	1982	% CHANGE
EPOXY RESINS, TOTAL	27,659	22,528	+22.8	273,366R	258,827	+5.6	29,290	24,247	+20.8	277,744R	246,396	+12.7
POLYESTER *(UNSATURATED)* RESINS, TOTAL	99,678	69,354	+43.7	900,423R	728,467	+23.6	101,367	71,328	+42.1	913,059R	739,862	+23.4
UREA RESINS, TOTAL	105,074	87,949	+19.5	981,244R	813,773	+20.6	105,828	90,303	+17.2	985,586R	832,719	+18.4
MELAMINE RESINS, TOTAL	16,835	13,024	+29.3	152,888R	130,738	+16.9	17,286	14,145	+22.2	152,906R	133,901	+14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	237,675	194,918	+21.9	2,107,898R	1,713,301	+23.0	237,044	193,865	+22.3	2,071,607R	1,668,226	+24.2
THERMOSETTING RESINS, TOTAL	486,921	387,773	+25.6	4,415,819R	3,645,106	+21.1	490,815	393,888	+24.6	4,400,902R	3,621,104	+21.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	655,159	618,736	+5.9	6,605,505	6,333,154	+4.3	726,653	617,627	+17.7	6,704,620	6,213,565	+7.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	479,910	407,569	+17.7	4,759,918	4,078,816	+16.7	538,733	417,299	+29.1	4,766,543R	4,092,998	+16.5
POLYPROPYLENE, TOTAL	358,814	282,787	+26.9	3,677,465R	3,019,215	+21.8	415,124	291,704	+42.3	3,666,921	2,872,168	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,107	6,949	+16.7	75,835	70,011	+8.3	8,629	7,763	+11.2	81,803	79,209	+3.3
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	115,198	68,914	+67.2	1,026,523R	737,519	+39.2	121,023	69,072	+75.2	988,061R	747,183	+32.2
POLYSTYRENE, TOTAL	294,975	248,966	+18.5	3,001,434	2,694,534	+11.4	327,172	288,300	+13.5	2,932,505	2,713,836	+8.1
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	63,010	42,896	+46.9	585,778R	418,224	+40.1	63,592	44,607	+42.6	585,611R	424,755	+37.9
NYLON RESINS, TOTAL	31,595	18,619	+69.7	268,614	212,754	+26.3	32,009	17,555	+82.3	259,435	198,877	+30.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	467,832	426,556	+9.7	5,205,483	4,616,606	+12.8	537,734	463,702	+16.0	5,192,421	4,504,294	+15.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,542	46,979	+24.6	578,766	481,730	+20.1	58,542	46,979	+24.6	578,766	481,730	+20.1
POLYVINYL ALCOHOL, TOTAL #	11,635	D		112,692	D		10,583	D		108,695	D	
OTHER VINYL RESINS, TOTAL	17,102	14,561	+17.5	146,124R	142,690	+2.4	15,726	15,766	-0.3	151,986R	152,734	-0.5
THERMOPLASTIC POLYESTER, TOTAL	72,392	50,114	+44.5	644,112R	517,671	+24.4	73,464	51,416	+42.9	633,187R	539,629	+17.3
THERMOPLASTIC RESINS, TOTAL	2,634,271	2,233,646	+17.9	26,688,249R	23,322,924	+14.4	2,928,984	2,331,790	+25.6	26,650,554R	23,020,978	+15.8
GRAND TOTAL	3,121,192	2,621,419	+19.1	31,104,068R	26,968,030	+15.3	3,419,799	2,725,678	+25.5	31,051,456R	26,642,082	+16.6

D = Disclosure
R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
\# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

OCTOBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,546	10,219	+22.8	123,998R	117,403	+5.6	13,286	10,998	+20.8	125,984R	111,765	+12.7
POLYESTER *(UNSATURATED)* RESINS, TOTAL	45,214	31,459	+43.7	408,429R	330,430	+23.6	45,980	32,354	+42.1	414,161R	335,599	+23.4
UREA RESINS, TOTAL	47,661	39,893	+19.5	445,089R	369,125	+20.6	48,003	40,961	+17.2	447,059R	377,719	+18.4
MELAMINE RESINS, TOTAL	7,636	5,908	+29.3	69,350R	59,302	+16.9	7,841	6,416	+22.2	69,358R	60,737	+14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	107,809	88,414	+21.9	956,136R	777,149	+23.0	107,522	87,937	+22.3	939,674R	756,702	+24.2
THERMOSETTING RESINS, TOTAL	220,866	175,893	+25.6	2,003,002R	1,653,409	+21.1	222,632	178,666	+24.6	1,996,236R	1,642,522	+21.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	297,178	280,657	+5.9	2,996,237	2,872,700	+4.3	329,608	280,154	+17.7	3,041,196	2,818,454	+7.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	217,686	184,872	+17.7	2,159,085	1,850,139	+16.7	244,368	189,286	+29.1	2,162,090R	1,856,572	+16.5
POLYPROPYLENE, TOTAL	162,757	128,271	+26.9	1,668,087R	1,369,507	+21.8	188,299	132,316	+42.3	1,663,304	1,302,807	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,677	3,152	+16.7	34,398	31,757	+8.3	3,914	3,521	+11.2	37,106	35,929	+3.3
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	52,253	31,259	+67.2	465,629R	334,536	+39.2	54,896	31,331	+75.2	448,181R	338,920	+32.2
POLYSTYRENE, TOTAL	133,800	112,930	+18.5	1,361,442	1,222,233	+11.4	148,404	130,772	+13.5	1,330,175	1,230,988	+8.1
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	28,581	19,457	+46.9	265,707R	189,705	+40.1	28,845	20,234	+42.6	265,631R	192,668	+37.9
NYLON RESINS, TOTAL	14,331	8,445	+69.7	121,842	96,505	+26.3	14,519	7,963	+82.3	117,679	90,210	+30.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	212,207	193,486	+9.7	2,361,192	2,094,079	+12.8	243,915	210,324	+16.0	2,355,267	2,043,134	+15.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,554	21,309	+24.6	262,526	218,511	+20.1	26,555	21,309	+24.6	262,527	218,511	+20.1
POLYVINYL ALCOHOL, TOTAL #	5,278	D		51,117	D		4,800	D		49,304	D	
OTHER VINYL RESINS, TOTAL	7,757	6,605	+17.5	66,281R	64,723	+2.4	7,133	7,151	-0.3	68,940R	69,280	-0.5
THERMOPLASTIC POLYESTER, TOTAL	32,838	22,732	+17.5	292 167R	234,814	+24.4	33,323	23,322	+42.9	287,212R	244,774	+17.3
THERMOPLASTIC RESINS, TOTAL	1,194,897	1,013,175	+17.9	12,105,710R	10,579,209	+14.4	1,328,579	1,057,693	+25.6	12,088,612R	10,442,247	+15.8
GRAND TOTAL	1,415,763	1,189,068	+19.1	14,108,712R	12,232,618	+15.3	1,551,211	1,236,359	+25.5	14,084,848R	12,084,769	+16.6

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,659	22,528	+22.8	273,366R	258,827	+5.6	29,290	24,247	+20.8	277,744R	246,396	+12.7
Total Exports	2,214	2,582	-14.3	26,468R	32,424	-18.4						
Total Domestic	25,445	19,946	+27.6	246,898R	226,403	+9.1						
Bonding & Adhesives	1,252	1,092	+14.7	14,001R	13,252	+5.7						
Flooring, Paving & Exposed Aggregate	1,742	1,566	+11.2	15,449R	15,537	-0.6						
Protective Coatings	11,375	9,007	+26.3	108,253R	105,583	+2.5						
Fiber Reinforced Laminates & Composites, Total	6,607	4,323	+52.8	58,619R	49,749	+17.8						
FRL & C for Printed Wiring Board	4,757	*		41,778R	*							
All Other FRL & C	1,850	*		16,841R	*							
Tooling, Casting & Molding Resins	2,185	1,923	+13.6	22,589R	20,967	+7.7						
All Other Uses	2,284	2,035	+12.2	27,987R	21,315	+31.3						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	99,678	69,354	+43.7	900,423R	728,467	+23.6	101,367	71,328	+42.1	913,059R	739,862	+23.4
Exports, Total	801	406	+97.3	8,657R	7,047	+22.8						
Domestic, Total	98,877	68,948	+43.4	891,766R	721,420	+23.6						
General Purpose Resins, Total	88,984	60,527	+47.0	797,085R	633,858	+25.8						
General Purpose – Thixotropic	41,807	25,289	+65.3	375,240R	282,967	+32.6						
General Purpose – Press Molding	14,812	8,728	+69.7	116,914R	79,359	+47.3						
General Purpose – All Other	32,365	26,510	+22.1	304,931R	271,532	+12.3						
Flame Retardant Resins	1,799	1,795	+0.2	16,282R	17,599	-7.5						
Chemical Resistant Resins	8,094	6,626	+22.2	78,399R	69,963	+12.1						
Chemical Resistant Isophthalic Resins	5,202	4,791	+8.6	52,306R	48,356	+8.2						
All Other Chemical Resistant Resins	2,892	1,835	+57.6	26,093R	21,607	+20.8						
Reinforced Plastics, Total	76,486	51,365	+48.9	689,104R	537,307	+28.3						
Non-Reinforced Plastics, Total	22,391	17,583	+27.3	202,662R	184,113	+10.1						

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* = Comparable 1982 data not available R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	105,074	87,949	+19.5	981,244R	813,773	+20.6	105,828	90,303	+17.2	985,586R	832,719	+18.4
MELAMINE RESINS, TOTAL	16,835	13,024	+29.3	152,888R	130,738	+16.9	17,286	14,145	+22.2	152,906R	133,901	+14.2
UREA & MELAMINE RESINS, TOTAL	121,909	100,973	+20.7	1,134,132R	944,511	+20.1	123,114	104,448	+17.9	1,138,492R	966,620	+17.8
Total Exports	1,741	1,407	+23.7	17,731R	14,038	+26.3						
Total Domestic	120,168	99,566	+20.7	1,116,401R	930,473	+20.1						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,055	6,957	+1.4	61,044R	57,281	+6.6	7,655	5,972	+28.2	71,350R	56,619	+26.0
Molding Compounds	5,722	4,580	+24.9	56,818	37,782	+50.4	6,706	5,651	+18.7	60,265	39,854	+51.2
Bonding & Adhesive Resins for:	92,767	74,845	+23.9	857,691R	713,658	+20.2	93,718	75,657	+23.9	864,330R	724,610	+19.3
Laminating	3,877	2,308	+68.0	34,165R	23,409	+45.9	3,808	2,289	+66.4	34,031R	23,969	+42.0
Plywood	5,533	5,051	+9.5	53,066R	55,051	-3.6	5,700	5,093	+11.9	53,465R	55,966	-4.5
Fibrous & Granulated Wood (Particle Board)	83,357	67,486	+23.5	770,460R	635,198	+21.3	84,210	68,275	+23.3	776,834R	644,675	+20.5
Protective Coatings *(Straight & Modified)*	6,549	5,596	+17.0	64,028R	54,778	+16.9	7,819	7,292	+7.2	73,887R	65,528	+12.8
All Other Uses *(Includes Textile Treating & Coating Resins)*	8,075	7,588	+6.4	76,820R	66,974	+14.7	7,216	9,876	-26.9	68,660R	80,009	-14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	237,675	194,918	+21.9	2,107,898R	1,713,301	+23.0	237,044	193,865	+22.3	2,071,607R	1,668,226	+24.2
Total Exports	930	1,011	-8.0	13,920R	13,251	+5.0						
Total Domestic	236,745	193,907	+22.1	2,093,978R	1,700,050	+23.2						
Molding Compounds	22,101	16,495	+34.0	193,921R	158,342	+22.5	22,171	18,186	+21.9	217,659R	167,751	+29.8
Bonding & Adhesive Resins for:	210,460	174,024	+20.9	1,859,307R	1,508,204	+23.3	210,854	171,985	+22.6	1,813,413R	1,464,921	+23.8
Laminating	15,570	12,059	+29.1	139,254R	107,239	+29.9	15,536	10,717	+45.0	119,769R	93,459	+28.2
Coated & Bonded Abrasives	2,357	2,161	+9.1	22,839R	22,005	+3.8	2,102	1,975	+6.4	22,041R	21,341	+3.3
Friction Materials	3,208	2,197	+46.0	26,607R	22,577	+17.9	3,116	2,182	+42.8	26,146R	22,284	+17.3
Insulation Materials	38,605	38,622	0.0	292,533R	284,893	+2.7	38,334	37,292	+2.8	278,859R	269,804	+3.4
Foundry & Shell Molding	5,923	4,324	+37.0	51,616R	47,657	+8.3	6,099	4,295	+42.0	53,409R	48,791	+9.5
Plywood	119,137	94,767	+25.7	1,101,030R	839,688	+31.1	120,102	95,475	+25.8	1,086,067R	824,921	+31.7
Fibrous & Granulated Wood	16,912	12,756	+32.6	154,388R	121,115	+27.5	16,973	12,725	+33.4	151,085R	116,091	+30.1
Resins Sold to Rubber Industry	2,297	2,298	0.0	22,007R	18,971	+16.0	2,271	2,558	-11.2	24,609R	20,157	+22.1
All Other	6,451	4,840	+33.3	49,033R	44,059	+11.3	6,321	4,766	+32.6	51,428R	48,073	+7.0
Protective Coatings – Unmodified & Modified	1,468	1,369	+7.2	15,565R	15,295	+1.8	1,316	1,733	-24.1	15,681R	16,399	-4.4
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,716	2,019	+34.5	25,185	18,209	+38.3	2,703	1,961	+37.8	24,854	19,155	+29.8

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses Includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	655,159	618,736	+5.9	6,605,505	6,333,154	+4.3	726,653	617,627	+17.7	6,704,620	6,213,565	+7.9
Exports, Total	81,145	84,062	-3.5	750,188	997,226	-24.8						
Domestic, Total	574,014	534,674	+7.4	5,855,317	5,335,928	+9.7						
Film *(12 Mils & Below)*	371,814	342,784	+8.5	3,838,018	3,415,370	+12.4						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	42,205	39,265	+7.5	516,868	410,483	+25.9						
Wire & Cable	26,886	20,466	+31.4	236,298	236,853	-0.2						
Extrusion Coating	49,161	42,973	+14.4	471,611	442,654	+6.5						
Blow Molding	2,931	3,296	-11.1	35,750	35,345	+1.1						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,351	3,090	+170.3	73,151	37,103	+97.2						
All Other Uses	72,666	82,800	-12.2	683,621	758,120	-9.8						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	479,910	407,569	+17.7	4,759,918	4,078,816	+16.7	538,733	417,299	+29.1	4,766,543R	4,092,998	+16.5
Exports, Total	94,546	43,431	+117.7	864,612	516,071	+67.5						
Domestic, Total	385,364	364,138	+5.8	3,895,306	3,562,745	+9.3						
Film *(12 Mils & Below)*	24,254	26,148	-7.2	287,770	227,350	+26.6						
Sheet *(Over 12 Mils)*	4,995	5,320	-6.1	61,157	52,978	+15.4						
Injection Molding	93,855	83,593	+12.3	973,122	898,831	+8.3						
Wire & Cable	10,913	8,184	+33.3	111,871	93,809	+19.3						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	156,838	141,535	+10.8	1,501,459	1,425,397	+5.3						
Pipe & Conduit, Total	43,624	30,383	+43.6	401,247	322,962	+24.2						
Corrugated Pipe & Conduit	19,397	*		181,318	*							
Non-Corrugated Pipe & Conduit	24,227	*		219,909	*							
Other Extruded Products	2,526	3,518	-28.2	33,538	33,226	+0.9						
All Other Uses	78,359	65,457	-26.1	525,162	508,192	+3.3						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

(1) = Included in All Other Uses
(2) = Included in Other Extruded Products
(3) = Included in Film

* = Comparable 1982 data not available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBIR 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	358,814	282,787	+26.9	3,677,465R	3,019,215	+21.8	415,124	291,704	+42.3	3,666,921	2,872,168	+27.7
Exports, Total	50,710	50,323	+0.8	665,726	563,035	+18.2						
Domestic, Total	308,104	232,464	+32.5	3,011,739R	2,456,180	+22.6						
Injection Molding	102,528	89,966	+14.0	1,012,269R	915,945	+10.5						
Appliances	9,309	6,902	+34.9	79,212	61,875	+28.0						
Consumer Products	21,186	21,229	-0.2	250,874R	234,677	+6.9						
Rigid Packaging	25,484	25,887	-1.6	294,488R	243,185	+21.1						
Transportation	26,938	20,471	+31.6	234,377R	192,778	+21.6						
All Other Injection Molding	19,611	15,477	+26.7	153,318R	183,430	-16.4						
Blow Molding	8,776	5,051	+73.7	73,112	56,499	+29.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	32,021	22,386	+43.0	307,941	249,136	+23.6						
Sheet *(Over 10 Mils)*	2,782	1,750	+59.0	25,954	15,729	+65.0						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	110,082	72,235	+52.4	995,802R	740,818	+34.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,495	6,162	+5.4	85,648	81,409	+5.2						
Resellers & Compounders	29,752	*		360,041	*							
All Other Uses	15,668	34,914	n.c.	150,972R	396,644	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Ext. Coating, Wire & Cable, Pipe & Conduit

D = Disclosure
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* = Comparable 1982 data not available
n.c. = Not comparable

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,107	6,949	+16.7	75,835	70,011	+8.3	8,629	7,763	+11.2	81,803	79,209	+3.3
Total Exports	900	525	+71.4	8,767	8,397	+4.4						
Total Domestic	7,207	6,424	+12.2	67,068	61,614	+8.9						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	115,198	68,914	+67.2	1,026,523R	737,519	+39.2	121,023	69,072	+75.2	988,061 R	747,183	+32.2
Export, Total	12,650	4,458	+183.8	107,574R	60,548	+77.7						
Domestic, Total	102,548	64,456	+59.1	918,949R	676,971	+35.7						
Molding & Extrusion	97,850	*		868,111R	*							
Coatings	4,698	*		50,838	*							
POLYSTYRENE RESINS, TOTAL	294,975	248,966	+18.5	3,001,434	2,694,534	+11.4	327,172	288,300	+13.5	2,932,505	2,713,836	+8.1
Straight Polystyrene	155,779	136,222	+14.4	1,554,392	1,393,195	+11.6	163,431	147,034	+11.2	1,504,679	1,408,966	+6.8
Rubber-Modified Polystyrene	139,196	112,744	+23.5	1,447,042	1,301,339	+11.2	163,741	141,266	+15.9	1,427,826	1,304,870	+9.4
Exports, Total	5,620	6,340	-11.4	66,167	82,832	-20.1						
Straight Polystyrene	2,255	2,910	-22.5	32,591	42,308	-23.0						
Rubber-Modified Polystyrene	3,365	3,430	-1.9	33,576	40,524	-17.1						
Domestic, Total	289,355	242,626	+19.3	2,935,267	2,611,702	+12.4						
Molding	126,209	105,556	+19.6	1,263,641	1,153,220	+9.6						
Extrusion	101,684	77,078	+31.9	1,018,146	894,157	+13.9						
Expandable Polystyrene Beads	37,434	37,039	+1.1	369,249	359,273	+2.8						
All Other Uses	24,028	22,953	+4.7	284,231	205,052	+38.6						
Polystyrene End uses, Total **	289,355	242,626	+19.3	2,935,267	2,611,702	+12.4						
Packaging	70,410	81,946	-14.1	734,550	875,312	-16.1						
Disposables	43,745	*		413,739	*							
Consumer and Institutional Products	39,588	42,389	-6.6	443,532	537,493	-17.5						
Electrical/Electronics	26,168	21,287	+22.9	240,536	237,558	+1.3						
Furniture, Furnishings, Building and Construction	15,113	15,475	-2.3	134,107	150,519	-10.9						
Expandable Polystyrene Beads	37,434	37,039	+1.1	369,249	359,273	+2.8						
All Other End Uses	56,897	44,490	+27.9	599,554	451,547	+32.8						

D = Disclosure
R = Revision
(3) = Includes ABS

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* = Comparable 1982 data not available

** = Portions of the End Use Section are Estimated.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	63,010	42,896	+46.9	585,778R	418,224	+40.1	63,592	44,607	+42.6	585,611R	424,755	+37.9
Paper Treating	2,488	2,808	-11.4	23,843	21,186	+12.5						
Textile Treating	1,426	1,050	+35.8	16,657	11,051	+50.7						
Carpet Backing	27,206	17,458	+55.8	251,121	166,938	+50.4						
All Other Uses (Including Exports & Paper Coating)	31,890	21,580	+47.8	294,157R	219,049	+34.3						
NYLON RESINS, TOTAL	31,595	18,619	+69.7	268,614	212,754	+26.3	32,009	17,555	+82.3	259,435	198,877	+30.4
Total Exports	2,578	920	+180.2	20,164	14,991	+34.5						
Total Domestic	29,017	17,699	+63.9	248,450	197,763	+25.6						
Injection Molding Grade	19,091	10,700	+78.4	159,300	119,726	+33.1						
Extrusion Grade	7,727	5,635	+37.1	71,061	60,622	+17.2						
Resellers and Compounders	1,416	1,017	+39.2	12,953	13,196	-1.8						
All Other Uses	783	347	+125.6	5,136	4,219	+21.7						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

OCTOBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	467,832	426,556	+9.7	5,205,483	4,616,606	+12.8	537,734	463,702	+16.0	5,192,421	4,504,294	+15.3
Homopolymer Resins including Blending and Latex	408,797	375,548	+8.9	4,644,191	4,082,173	+13.8	477,469	405,494	+17.7	4,648,991	3,988,477	+16.6
Copolymer Resins including Blending and Latex	24,760	23,063	+7.4	234,645	246,885	-5.0	25,429	25,461	-0.1	227,123	236,596	-4.0
Dispersion Resins	34,275	27,945	+22.7	326,647	287,548	+13.6	34,836	32,747	+6.4	316,307	279,221	+13.3
Total Exports	43,366	40,776	+6.4	441,680	482,609	-8.5						
Total Domestic	424,466	385,780	+10.0	4,763,803	4,133,997	+15.2						
Calendering, Total	54,927	48,377	+13.5	583,670	506,647	+15.2						
Flooring	12,740	13,126	-2.9	130,292	126,301	+3.2						
Textile	8,878	5,670	+56.6	89,848	51,374	+74.9						
All Other Calendering Uses	33,309	29,581	+12.6	363,530	328,972	+10.5						
Coating, Total	33,327	23,510	+41.8	297,139	224,344	+32.4						
Flooring	13,988	10,808	+29.4	122,138	82,001	+48.9						
Textile & Paper Coating	10,380	5,916	+75.5	97,436	73,246	+33.0						
Protective Coatings	3,997	3,206	+24.7	37,622	32,853	+14.5						
Adhesives & All Other Coating Uses	4,962	3,580	+38.6	39,943	36,244	+10.2						
Extrusion, Total	256,668	244,974	+4.8	2,993,324	2,660,405	+12.5						
Wire & Cable	26,355	26,828	-1.8	288,089	274,544	+4.9						
Film & Sheet	26,324	23,051	+14.2	257,796	261,279	-1.3						
Rigid Pipe & Tubing *(Except Fittings)*	159,706	158,962	+0.5	1,969,203	1,723,635	+14.2						
All Other Extrusions	44,283	36,133	+22.6	478,236	400,947	+19.3						
Molding, Total	37,153	30,000	+23.8	352,089	292,647	+20.3						
Bottles	16,082	7,178	+124.0	131,035	84,242	+55.5						
Sound Records	7,304	10,902	-33.0	66,854	86,709	-22.9						
Fittings *(Rigid Pipe & Tubing)*	7,575	8,201	-7.6	89,136	82,275	+8.3						
All Other Molding	6,192	3,719	+66.5	65,064	39,421	+65.0						
Paste Processes *(Except Coating)*	12,613	12,861	-1.9	135,517	144,452	-6.2						
Plastisol Formulation	7,781	5,952	+30.7	79,884	69,543	+14.9						
All Other	4,832	6,909	-30.1	55,633	74,909	-25.7						
Resellers & Compounders	10,257	9,387	+9.3	162,777	120,502	+35.1						
All Other Uses	19,521	16,671	+17.1	239,287	185,000	+29.3						

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,542	46,979	+24.6	578,766	481,730	+20.1						
Total Exports	408	607	-32.8	5,171	5,122	+1.0						
Total Domestic	58,134	46,372	+25.4	573,595	476,608	+20.3						
Emulsion Paints	17,212	13,572	+26.8	181,284	139,303	+30.1						
Adhesives, Caulks and Sealants	23,787	19,970	+19.1	228,266	198,662	+14.9						
Paper Treating & Paper Coating	10,541	7,696	+37.0	96,862	78,872	+22.8						
Textile Treating	1,998	1,065	+87.6	18,605	15,356	+21.2						
Non-Woven Binders	2,411	2,234	+7.9	25,933	21,987	+17.9						
All Other Uses	2,185	1,835	+19.1	22,645	22,428	+1.0						
POLYVINYL ALCOHOL, TOTAL #	11,635	D		112,692	D		10,583	D		108,695	D	
Total Exports	2,306	D		19,245	D							
Total Domestic	9,329	D		93,447	D							
OTHER VINYL RESINS*, TOTAL	17,102	14,561	+17.5	146,124R	142,690	+2.4	15,726	15,766	-0.3	151,986R	152,734	-0.5
Total Exports	4,461	3,321	+34.3	33,181R	31,433	+5.6						
Total Domestic	12,641	11,240	+12.5	112,943R	111,257	+1.5						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	72,392	50,114	+44.5	644,112R	517,671	+24.4	73,464	51,416	+42.9	633,187R	539,629	+17.3
Total Exports	8,631	5,184	+66.5	76,672R	38,819	+97.5						
Total Domestic	63,761	44,930	+41.9	567,440R	478,852	+18.5						
PET Bottle Grades	43,876	34,568	+26.9	418,666R	379,223	+10.4						
All Other Thermoplastic Polyester**	19,885	10,362	+91.9	148,774	99,629	+49.3						

** Includes All Other PET and All Injection Molding Grades.

\# = Includes imputed data
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D = Disclosure

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.